

1997 Chevrolet S10 Pickup

SEATS - POWER 1997 ACCESSORIES/SAFETY EQUIP General Motors Corp. - Power Seats

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DESCRIPTION & OPERATION

A 6-way power seat is used on driver's seat (all models) and passenger seat (some models). System consists of 3 reversible motors attached to a seat drive rail. Each motor contains a self-resetting circuit breaker. Power seat switch is located on left side of driver's seat, or on right side of passenger's seat. Drive cables connect motor to gearnuts, which turn jack screws and adjusters at each side of seat.

TROUBLE SHOOTING

Check power accessory circuit breaker. If motors operate but seat does not move, check for obstruction in seat drive rail or check for broken drive gear. If seat tilts forward and/or rearward but does not move up or down, replace power seat switch.

TESTING

POWER SEAT DOES NOT OPERATE IN ANY DIRECTION

1. Disconnect power seat switch connector. Connect test light between power seat switch harness terminal "B" (Orange wire) and ground. If test light illuminates, go to next step. If test light does not illuminate, repair open in Orange wire between power seat switch and fuse block.
2. Connect self-powered test light between seat switch assembly terminal "A" (Black wire) and ground. If test light illuminates, replace power seat switch. If test light does not illuminate, repair open in Black wire.

POWER SEAT DOES NOT TILT FORWARD

1. Disconnect power seat front height motor connector. Connect test light between front height motor harness terminals "A" (Dark Blue wire) and "B" (Dark Green wire). Operate front height switch. If test light does not illuminate, go to next step. If test light illuminates, check and repair any damaged wiring. If wiring is okay, replace front height motor.
2. Disconnect power seat switch connector. Connect self-powered test light between front height motor harness terminal "A" (Dark Blue wire) and power seat switch harness terminal "H" (Dark Blue wire). If test light illuminates, go to next step. If test light does not illuminate, repair open in Dark Blue wire between power seat switch and front height motor.
3. Connect self-powered test light between front height motor harness terminal "B" (Dark Green wire) and power seat switch harness terminal "G" (Dark Green wire). If test light illuminates, replace power seat switch. If test light does not illuminate, repair open in Dark Green wire between power seat switch and front height motor.

POWER SEAT DOES NOT TILT REARWARD

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1. Disconnect power seat rear height motor connector. Connect test light between rear height motor harness terminals "A" (Yellow wire) and "B" (Light Blue wire). Operate rear height switch. If test light does not illuminate, go to next step. If test light illuminates, check and repair any damaged wiring. If wiring is okay, replace rear height motor.
2. Disconnect power seat switch connector. Connect self-powered test light between rear height motor harness terminal "A" (Yellow wire) and power seat switch harness terminal "A" (Yellow wire). If test light illuminates, go to next step. If test light does not illuminate, repair open in Yellow wire between power seat switch and rear height motor.
3. Connect self-powered test light between rear height motor harness terminal "B" (Light Blue wire) and power seat switch harness terminal "B" (Light Blue wire). If test light illuminates, replace power seat switch. If test light does not illuminate, repair open in Light Blue wire between power seat switch and rear height motor.

POWER SEAT DOES NOT MOVE FORWARD OR REARWARD

1. Disconnect power seat forward/rearward motor connector. Connect a test light between forward/rearward motor harness terminals "A" (Tan wire) and "B" (Light Green wire). Operate forward/rearward switch. If test light does not illuminate, go to next step. If test light illuminates, replace forward/rearward motor.
2. Disconnect power seat switch connector. Connect self-powered test light between forward/rearward motor harness terminal "A" (Tan wire) and power seat switch harness terminal "E" (Tan wire). If test light illuminates, go to next step. If test light does not illuminate, repair open in Tan wire between power seat switch and forward/rearward motor.
3. Connect self-powered test light between forward/rearward motor harness terminal "B" (Light Green wire) and power seat switch harness terminal "C" (Light Green wire). If test light illuminates, replace power seat switch. If test light does not illuminate, repair open in Light Green wire between power seat switch and forward/rearward motor.

POWER LUMBAR INOPERATIVE

1. Disconnect power lumbar support connector. Connect self-powered test light between ground and Black wire terminal at power lumbar support harness connector. If test light illuminates, go to next step. If test light does not illuminate, repair open in Black wire between power lumbar support and ground.
2. Connect test light between ground and Orange wire at power lumbar support harness connector. If test light illuminates, go to next step. If test light does not illuminate, repair open in Orange wire between power lumbar support and fuse block.
3. Disconnect lumbar support motor. Connect jumper wire between one end of motor and ground. Connect self-powered test light between other end of motor and ground. If test light illuminates, go to next step. If test light does not illuminate, replace lumbar support motor.
4. Reconnect power lumbar support connector. Connect test light between ground and Orange wire terminal at power lumbar support switch. If test light does not illuminate, go to next step.
5. Connect self-powered test light between ground and Black wire terminal at power lumbar switch. If test light illuminates, repair open in Orange wire between power lumbar support and lumbar support switch. If test light does not illuminate, replace power lumbar switch.

REMOVAL & INSTALLATION

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NOTE: Complete removal and installation procedures of components are not available from manufacturer.

Removal & Installation (Power Seat)

Disconnect negative battery cable. Remove seat adjuster trim cover screws. Remove seat adjuster trim covers. Disconnect power seat electrical connectors. Remove power seat assembly from vehicle. To install, reverse removal procedure. Tighten power seat adjuster-to-seat bolts and nuts to 33 ft. lbs. (45 N.m).

Removal & Installation (Adjuster Motor & Drive Cables)

1. Adjust seat to full upward front and rear position. Disconnect negative battery cable. Remove power seat from vehicle. See POWER SEAT. Noting location and routing of cables, squeeze ends of motor-to-adjuster cables to disconnect cables.
2. Disconnect electrical connector. Remove adjuster assembly bolts. Remove adjuster assembly from vehicle. Remove motor from adjuster assembly. To install, reverse removal procedure. Tighten power seat adjuster-to-seat bolts and nuts to 33 ft. lbs. (45 N.m).

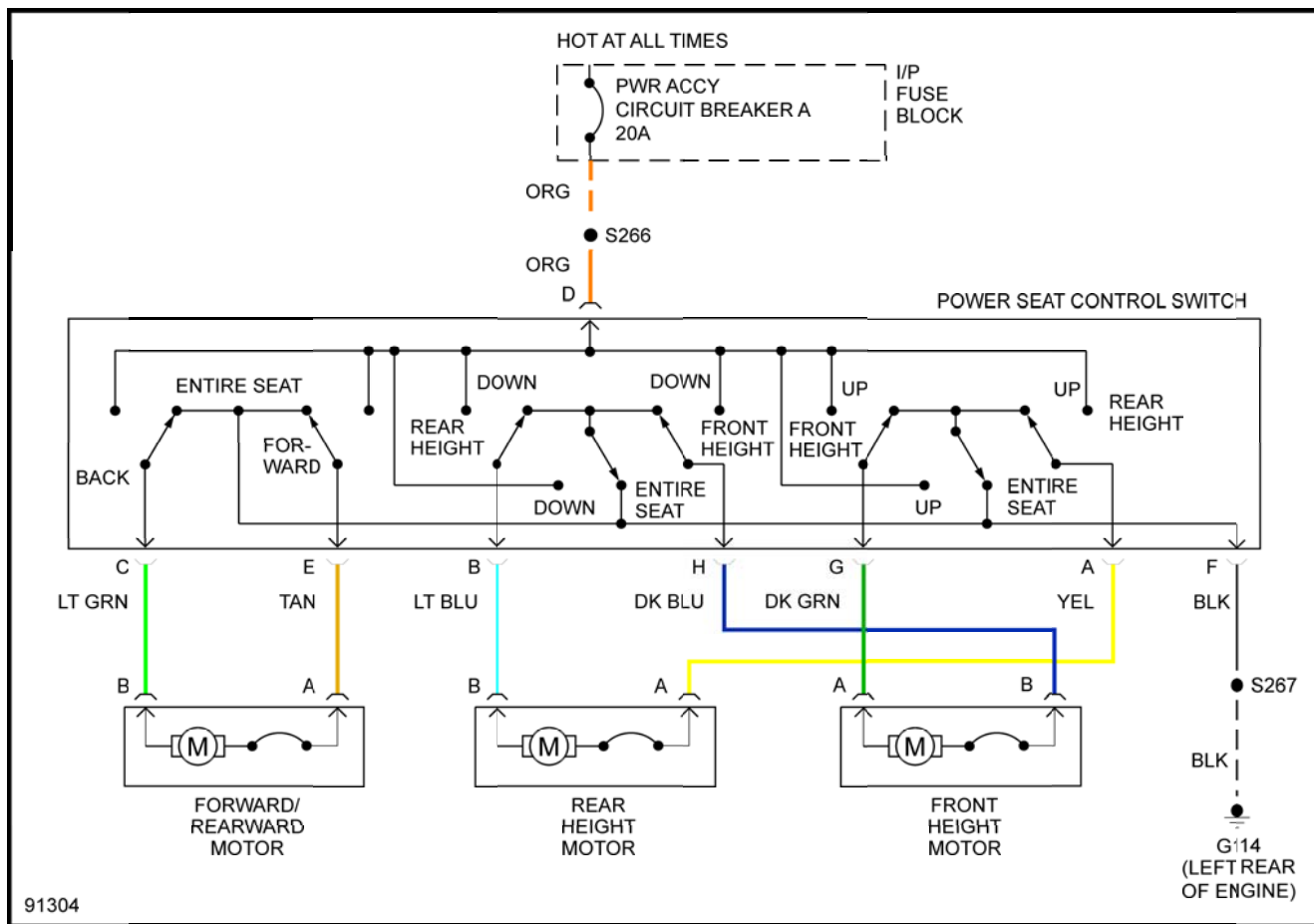
Removal & Installation (Power Lumbar Switch)

Remove front seat. See POWER SEAT. Remove bolts, and remove seat track from seat bottom. Remove "J" strip from outboard side of seat bottom frame. Pull seat bottom cover back to expose power lumbar switch. Remove power lumbar switch. Disconnect electrical connector. To install, reverse removal procedure.

WIRING DIAGRAMS

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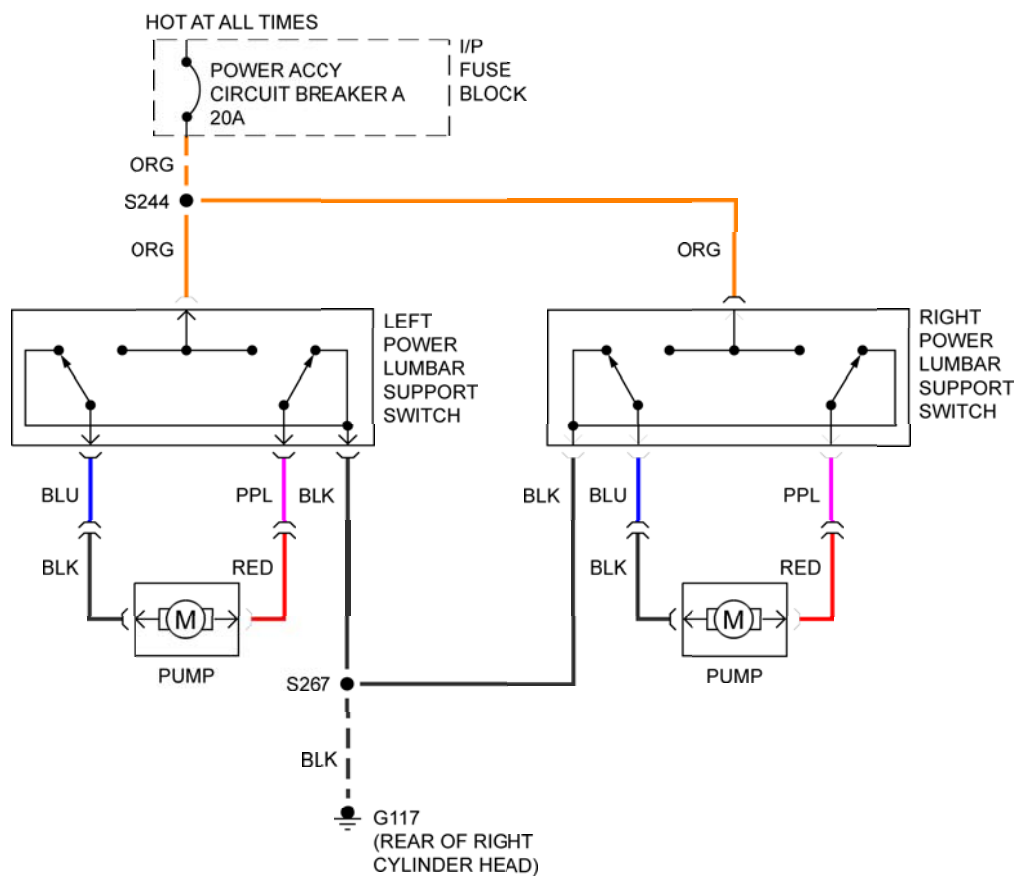


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Fig. 1: Power Seats Wiring Diagram (Blazer, Bravada & Jimmy)

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Fig. 2: Power Lumbar Seats Wiring Diagram (Blazer, Bravada & Jimmy)